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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/845,382	04/30/2001	Masakazu Hayashi	450100-03199	2746

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EXAMINER

NGUYEN, KIMNHUNG T

ART UNIT PAPER NUMBER

2674

DATE MAILED: 09/03/2004

19

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/845,382

Applicant(s)

HAYASHI ET AL.

Examiner

Kimnhung Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-5,8,9,11-14,17,18,20-23,26,27,29-32,35 and 36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-5,8,9,11-14,17,18,20-23,26,27,29-32,35 and 36 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

This application has been examined. The claims 2-5, 8-9, 11-14, 17-18, 20-23, 26-27, 29-32, and 35-36 are pending. The examination results are as following.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 2, 4-5, 8-9, 11, 13-14, 18-18, 20, 22-23, 26-27, 29, 31-32 and 35-36 are rejected under 35 U.S.C. 102(e) as being anticipated by Robertson et al. (US 6,160,553 cited by Applicant).

Regarding claims 2, 11, 20 and 29, Robertson et al. disclose in figure 9, a displaying method displaying image information corresponding to a desired data file in a specific display area, comprising the steps of dividing said specific display area into a first number areas (see figures 9-10, see multiple thumbnails images and each one associated with own function, see thumbnail 902 associated with Internet Explorer, see column 13, lines 19-62); and displaying each of said divided areas in a mode corresponding to contents of said desired data file, wherein said mode corresponding to contents of said desired data file is determined by changing saturation of one or plurality of pixels in each of said divided areas on the basis of the contents of said desired data file

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(see low or high resolution associated with pixels and bit color, see column 12, lines 45-62 and column 13, lines 53-57).

Regarding claims 4, 13, 22 and 31, Robertson et al. discloses in figure 9, a displaying method displaying image information corresponding to a desired data file in a specific display area, comprising the steps of dividing said specific display area into a first number areas (see figures 9-10, see multiple thumbnails images and each one associated with own function, see thumbnail 902 associated with Internet Explorer, see column 13, lines 19-62); and displaying each of said divided areas in a mode corresponding to contents of said desired data file, wherein said first number is a number changed depending on the size of said data (see figure 10A, column 13, lines 19-56).

Regarding claims 5, 14, 23 and 32, Robertson et al. disclose a displaying method, wherein said first number is a number changed in proportion to the size of said data file (see figure 10, column 13, lines 19-56).

Regarding claims 8, 17, 26 and 35, Robertson et al. disclose wherein boundaries among said divided areas are blurred after saturation of one or plurality of pixels in each of said divided areas is changed (see figure 10, column 13, lines 19-56).

Regarding claims 9, 18, 27 and 36, Robertson et al. disclose in figure 9, a displaying method displaying image information corresponding to a desired data file in a

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specific display area, comprising the steps of dividing said specific display area into a first number areas (see figures 9-10, see multiple thumbnails images and each one associated with own function, see thumbnail 902 associated with Internet Explorer, see column 13, lines 19-62); and displaying each of said divided areas in a mode corresponding to contents of said desired data file, wherein said desired data file is a text file, and wherein all or part of the contents of said text file is displayed in the form of text in such a manner to be overlapped to said image in formation (see figure 9).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 3, 12, 21 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Robertson et al. (US 6,160,553) in view of Hoffman (US 5,761,655).

Robertson et al. disclose every feature of the claimed invention, excluding the divided areas is changed by taking unit data quantities of said data file as data values of red, green, and blue dots of one or a plurality of pixels in each of said divided areas. Hoffman disclose in figure 5, the divided areas is changed by taking unit data quantities of said data file as data values of red, green, and blue dots of one or a plurality of pixels in each

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of said divided areas (see pixel process routine and RGB values, column 6, lines 63-67 and column 7, lines 1-13). It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the using data values of red, green, and blue of one or a plurality of pixels in each of said divided areas as taught by Hoffman into the system of Robertson et al. because this would for providing the scan increment the original image is changed, and performing the operation of the routine of Red, Blue and Green color values.

Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimnhung Nguyen whose telephone number (703) 308-0425.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **RICHARD A HJERPE** can be reached on **(703) 305-4709**.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D. C. 20231

Or faxed to:


(703) 872-9314 (for Technology Center 2600 only).

Hand-delivery response should be brought to: Crystal Park II, 2121 Crystal Drive, Arlington, VA Sixth Floor (Receptionist).

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Kimnhung Nguyen
September 1, 2004


RICHARD HJERPE 9/2/04
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600